

Date: Sat, 24 Apr 93 04:30:13 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #494  
To: Info-Hams

Info-Hams Digest                      Sat, 24 Apr 93                      Volume 93 : Issue 494

Today's Topics:

Cheaper HT or Car Mobil Unit  
IRON ON PCB RESIST  
Kenwood TH28A Info  
Mitretek and Kantronics DataEngine Info  
Mods  
Need mods for Yaesu FT-811  
Need service manuals for Philips and Kimberely radios  
NEW HAM ARRL/800 Number  
Raising our profile (2 msgs)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----

Date: Tue, 20 Apr 1993 13:42:03 GMT  
From: pacbell.com!iggy.GW.Vitalink.COM!wetware!spunky.RedBrick.COM!psinntp!  
psinntp!gdstech!gdstech!bat@network.UCSD.EDU  
Subject: Cheaper HT or Car Mobil Unit  
To: info-hams@ucsd.edu

Most new Hams who get on 2 meters acquire an HT first. This way,  
they have a radio to use in the car, and at home as a base or  
packet station. But, they start adding accessories, like  
speaker mikes, 12 volt lighter cords, amplifiers, etc. Soon,  
the cost of the setup is near the cost of a good mobile rig,  
which can also be used at home for base or packet work.

I wore out 3 connectors on top of my HT with the constant  
moving of the radio. So, I got an IC-229h, and it's much easier

on me.

--

```
*-----*
*   Pat Masterson   D12-25   | KE2LJ@KC2FD           *
*   Grumman Data Systems | 516-346-6316.       *
*   Bethpage, NY 11746   | bat@gdstech.grumman.com    *
```

-----

Date: Fri, 23 Apr 1993 14:50:06 GMT  
From: rit!isc-newsserver!ritvax.isc.rit.edu!BSM3708@cs.rochester.edu  
Subject: IRON ON PCB RESIST  
To: info-hams@ucsd.edu

Hi, I have used the TECH IRON on to copper pcb stuff , and have finally had some luck. The first time I tried it, I found that the bottom side artwork had to be reversed in order to copy it on to the film. The only way I had to do that was to copy it onto a transparency then flip the transparency over, and copy again onto the film. The results were less than desirable, and I didn't end up making the board. Try #2 I scanned the artwork, then digitally mirrored the artwork. Then I used a Laser Printer to print the artwork onto the film. This worked pretty good, but I bet not all of you have a scanner! Anyway , my suggestion is that they start printing the mirror image of the artwork in magazines and books, so that we could copy right to the TECH film with one process !! Any comments??? 73 Brad WB8YGG

-----

Date: Fri, 23 Apr 1993 15:25:44 GMT  
From: usc!zaphod.mps.ohio-state.edu!uwm.edu!linac!att!cbnews!dhm@network.UCSD.EDU  
Subject: Kenwood TH28A Info  
To: info-hams@ucsd.edu

I recently bought a Kenwood TH28A which is a 2m mini HT. Unmodified it has wide band VHF (118-173) and 440 UHF receive capabilities. Since the VHF receiver was wide band I thought it strange that the UHF receiver was limited to only 440 and began to investigate. After opening the unit I found two green loops of wire located on the front circuit board marked W1 and W2 which appeared to be option straps. I had heard that the TH78 had similar straps and that W1 was related to extend receive capabilities so I cut W1 to see what would happen.

The UHF band now ranged from 400-518 mhz which was nice because

there is a lot of activity in the police band 460-461 mhz.

A new band (340-400 mhz) also appeared when I switched between the FM VHF band (132-173) and the AM VHF band (118-132) using the hold F key for 2 second then press the LOW key procedure. Does anyone know what this band is used for? I picked up some TV related stuff and celluar intermod.

Does anyone know if the unit can be modified to access the 800 mhz band?

Other features I noticed which I didn't see in the documentation:

If the unit is powered up while key 1 is pressed, the unit becomes a channel only oriented device. Instead of showing frequency on the display, only the preprogrammed channel numbers are shown. Features involving frequency display or entry, such as the VFO are disabled. The channels can be changed using the VFO knob but not entered via the keyboard.

If the unit is powered up while key 7 is pressed the word CLONE is shown on the display. Does this feature work similar to the TH78? Can the setup information of a TH28A be transferred to a TH78?

Does anyone know of other undocumented features of the TH28A?

73s

-----  
Date: Fri, 23 Apr 1993 16:09:05 GMT  
From: pacbell.com!pbhya!tpkirkp@network.UCSD.EDU  
Subject: Mitrek and Kantronics DataEngine Info  
To: info-hams@ucsd.edu

Looking for info on jumper settings for Motorola Mitrek with Kantronics Data engine and DE9600/DE19K2 modem. Got 2 sets of radios/modems to transmit, but don't see a connect on either one. Screwed around with R18, but that didn't seem to make too much difference. Anybody out in NetLand got this combo working, pls email to address below.

TIA

73 de Tim Kirkpatrick [KD6AKU]

Email: tpkirkp@dkws91.cncr1714.pacbell.com / tpkirkp@pacbell.com

--

T.P. Kirkpatrick, Pacific Bell  
Network Data Products, Concord, CA KD6AKU  
Packet Radio 44.4.0.137 TCP/IP  
-----

-----  
Date: Fri, 23 Apr 1993 14:27:49 GMT  
From: dog.ee.lbl.gov!hellgate.utah.edu!cs.utexas.edu!zaphod.mps.ohio-state.edu!  
moe.ksu.ksu.edu!osuunx.ucc.okstate.edu!unx.ucc.okstate.edu!  
chcoaed@network.UCSD.EDU  
Subject: Mods  
To: info-hams@ucsd.edu

does anyone know of any mods for the Yeasu FT2400?

I'd appreciate any help possible...

Thank You.

73! DE AB5IM

-----  
Date: Fri, 23 Apr 1993 14:37:14 GMT  
From: dog.ee.lbl.gov!hellgate.utah.edu!cs.utexas.edu!uwm.edu!rpi!  
abrahp@network.UCSD.EDU  
Subject: Need mods for Yaesu FT-811  
To: info-hams@ucsd.edu

Hey Everybody,

I have a Yaesu FT-811 ( a 440 ht )  
well does anybody know where i can find some mods for this rig

mods meaning extended receive

I've tried funic.funet.edu ( i think this is the proper name)  
but all they had was stuff for the FT-411.

Any help would be greatly appreciated.

Thanks in advance,

- Petey - KB2INO - <>< -

-----  
Date: Fri, 23 Apr 1993 12:43:25 GMT  
From: munnari.oz.au!mel.dit.csiro.au!its.csiro.au!dmssyd.syd.dms.CSIRO.AU!metro!  
usage!newt.phys.unsw.edu.au!jeice@tcgould.tn.cornell.edu  
Subject: Need service manuals for Philips and Kimberely radios  
To: info-hams@ucsd.edu

A while back I acquired some ex\_commercial VHF FM radio but  
I need the service manuals or any circuit diagrams for them  
I have some Kimberely 102 (ex-secuirty) radios and a  
Philips FM806 radio.

I have rung Philips requesting the service manual but they  
say they don't have it beacuse the radio is too old.

Does anyone know who makes this Kimberely radio?

Thanks in Advance

Jose

=====  
| Jose Goicoechea ---\ - The Wave Of The Future -|  
|jeice@newt.phys.unsw.edu.au / ----- Quadrophonia ----- |  
=====

-----  
Date: Fri, 23 Apr 1993 14:44:01 GMT  
From: rit!isc-newsserver!ritvax.isc.rit.edu!BSM3708@cs.rochester.edu  
Subject: NEW HAM ARRL/800 Number  
To: info-hams@ucsd.edu

Hi I heard that the ARRL has an 800 number for new hams  
it was 1-800-32NEWHAM

Does anybody know if that's right?

I have a niece that is trying to learn the code,

She lives out of state, and I gave her this number.

It apparantly didn't work, and I really want to  
have her avoid frustration. I can't be of much help  
because I live in NY not Michigan.

Send me E-mail if you know the right number.

73's WB8YGG bmitchel@kodak.com  
-----

Date: Fri, 23 Apr 93 01:02:22 CST

From: newsflash.concordia.ca!mizar.cc.umanitoba.ca!bison!sys6626!jim@uunet.uu.net

Subject: Raising our profile

To: info-hams@ucsd.edu

laurahal@microsoft.com (Laura Halliday) writes:

>

> Last weekend I was part of a group who provided communication  
> support for a 10k run around Vancouver, B.C. The ham radio part of it  
> went well, the repeater worked flawlessly, and it was generally a  
> textbook example of ham radio serving the community.

>

> Except that nobody knew who we were. People noticed folks around the  
> course with radios, but even people I work with weren't quite sure what  
> our function was. I often find that people have no conception of  
> what amateur radio is and what hams do. Some have even forgotten  
> the very term 'amateur radio'. Have you seen any depiction of ham radio  
> in the media recently? Have you read about ham radio in connection  
> with anything other than disaster communications recently?

> Comments?

>

> ...laura, VE7LDH

I find that when I show people my 2m HT that they can't believe that it is a "Ham Radio" and that I can talk locally (and 'regionally') with it. Most people tend to associate Amateur Radio with the stereotype OM with an HF transceiver and desktop mic.

When I started learning about the Amateur service(s) I myself could hardly believe that a person could carry around a "pager-sized" radio to talk locally with FM modulation. And that if you hook that HT to a PC coputer you can transmit digital signals through the air - chatting with other hams or connecting to packet bulletin boards - AMAZING!! - at least that was my impression back in early '92.

Yes, I agree that we, as Amateur Radio operators need to get out the message that will eventually break the old stereotypes.

Jim

VE4JAF

-----

Date: 24 Apr 93 04:20:00 GMT

From: news-mail-gateway@ucsd.edu

Subject: Raising our profile

To: info-hams@ucsd.edu

Somebody asked when the last time a non-disaster reference to amateur radio was made in the media.

When the last shuttle flight went over some hams in Hudson, WI made the front page of the St. Paul paper. (or at least the front of the Wisconsin section) by having school children talk to the shuttle.

Mike  
N9GQU

-----  
Date: Fri, 23 Apr 1993 15:03:02 GMT  
From: dog.ee.lbl.gov!hellgate.utah.edu!cs.utexas.edu!usc!howland.reston.ans.net!  
noc.near.net!inmet!cobra!bwhite@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <6333@gold.gvg.tek.com>, <C5wEyp.29s@odin.corp.sgi.com>,  
<1r6qliINNrr4@rave.larc.nasa.gov>et  
Subject : Re: CQ DX

>In article <C5wEyp.29s@odin.corp.sgi.com> adams@chuck.dallas.sgi.com (Charles Adams) writes:  
>Yes, with the new Ronco CLIP-O-TRON transmitter, you can work all the bands  
>at the same time. .... etc ...

Well, I just heard Paul N. Horowitz talk about the dingus they are using to search for extraterrestrial intelligence (SETI) at Harvard University. Their current machine is kind of a scanner, but with about 8 million simultaneous channels. (It's actually closer to 9.5 million, since it's  $8 \times 2^{20}$  plus  $2^{20}$  or so for diagnostics.) It's only a receiver, though, so you can't work anything at all. They're not looking in the ham bands. Apparently they believe there's no intelligence there. The channels are spaced very close together - I don't remember how close, though.

Peace,  
N10SA - Bill White

-----  
Date: Fri, 23 Apr 1993 13:44:17 GMT  
From: pacbell.com!sgiblab!zaphod.mps.ohio-state.edu!moe.ksu.ksu.edu!  
ux1.cso.uiuc.edu!rtaylor@network.UCSD.EDU  
To: info-hams@ucsd.edu

References <6333@gold.gvg.tek.com>, <C5wEyp.29s@odin.corp.sgi.com>,  
<1r6qliINNrr4@rave.larc.nasa.gov>iuc.ed  
Subject : Re: CQ DX

kludge@grissom.larc.nasa.gov (Scott Dorsey) writes:

>In article <C5wEyp.29s@odin.corp.sgi.com> adams@chuck.dallas.sgi.com (Charles Adams) writes:

>>WAIT A MINUTE!!!! what band(s) are you working? what award are you  
>>applying for? is this worked all bands simultaneously, since you  
>>could be working through the network on microwave, optical links,  
>>rf modems, twisted pair, audio, .....

>Yes, with the new Ronco CLIP-O-TRON transmitter, you can work all the bands  
>at the same time. By generating a square wave with an infinite number of  
>harmonics, you can transmit everywhere,

NO NO, a square wave only generates ODD HARMONICS, so you only get  
the harmonics of the fundemental and only the odd ones

>and with our new WHITE NOISE VFO,

That's more like it, with a white noise generator, you don't  
need a VFO however,

>you can even transmit on all the frequencies within those bands.

>But wait! There's more! On this special, limited time offer, we'll not  
>only send you the CLIP-O-TRON transmitter, but we'll also send you our brand  
>new NO-SELECT receiver. The NO-SELECT receiver, a miracle of modern  
>technology, actually has no selectivity whatsoever, so you can listen in  
>on all the frequencies from DC to daylight, at the same time. It's a perfect  
>match to the CLIP-O-TRON.

Humm. Even my ears are quite selective; how do I fill in the  
missing freqecies without up/down converters?

>That's not all! If you order before midnight tonight, we'll throw in this  
>special BAD-FIST key, as our gift to you! Why be confused with all of those  
>dits and dahs? The BAD-FIST only makes one length of code signal, so it's  
>easier on you.

>Plus, you get a free set of wind chimes and...  
>--scott

-----  
End of Info-Hams Digest V93 #494  
\*\*\*\*\*